



**SAN FRANCISCO  
STATE UNIVERSITY**

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August 9, 2011

RE: **East Liverpool Community Health Study**

**XXXX or current resident  
Street Address  
City, State Zip**

Dear XXXX or current resident,

My name is Professor Rosemarie Bowler, a faculty member at San Francisco State University in the Psychology Department. You may have seen in the local media that we are conducting research on the potential health effects of exposure to manganese in adults in your community. To examine these health effects, we are recruiting 100 adults in East Liverpool for participation. You have been randomly selected as a possible participant in our study. **Any two members of your household between 30-75 years of age are invited to take part in study.**

Each person participating in the study will receive a \$50.00 gift card as a token of our appreciation. Additionally, we will give you your personal results of the health screening. The total time commitment we ask of you may be between 2½ to 4 hours. Testing is taking place at the Motor Lodge on 2340 Dresden Ave. in East Liverpool on November 4th, 5th, 6th & 7th mornings and afternoons. Participation in this study will involve asking you about your health and residential history, sleep, diet, and mood status. We also ask you to allow us to give you some tests to measure cognitive functioning, including memory, attention, learning, and visual/spatial skills. We will also be giving some tests of dexterity and strength. An expert movement neurologist will assess you briefly and a physician will review your medical history. Additionally, we will ask you for permission to draw a small blood sample, which will be analyzed in a certified laboratory for levels of manganese and other chemicals and that you provide a small sample of your hair and toenail clippings from each toe, which will be analyzed in a certified laboratory for levels of metals. All of your information will be kept confidential.

This research is being conducted with support from many partners, including the Ohio Department of Health, the mayor of East Liverpool, the East Liverpool City Health District's health commissioner, Jelayne Dray, the Region 5 Environmental Protection Agency (EPA), and Dr. Michelle Colledge of the Agency for Toxic Substances and Disease Registry.

If you are interested in participating in the study, please complete the enclosed self-addressed stamped postcard with your name, phone number, and email if you use it, and mail it to us at your earliest convenience. Alternatively, you can send us an email with your name, address, and phone number at [ohstudy@sfsu.edu](mailto:ohstudy@sfsu.edu). Once we receive this card from you we will contact you by phone and a representative of our study team will ask you a few questions to determine if your background meets the study participation criteria, e.g., not having a severe, advanced major illness. We will also answer any questions you might have about the study.

Thank you for considering participating in the East Liverpool Community Health Study!

Sincerely,

*Rosemarie L. Bowler, Ph.D.*

Rosemarie Bowler, Ph.D.